

Study V. Tarques, P.E. Regional Engineer

D.F. Smillborst, P.E., to. Division of Bater Pollutien Control

Investigation of Industrial Maste Disposal - Complon Paper, Inc.

Following a request from High Yantis, Assistant Executive Secretary of the Enter Pollution Control Board, the writer and Santtarian John Ende contacted officials of the Champion Paper, Inc., Pasadena, Texas, and made an investigntion of the present trate disposal practices of the company. This investigation was made on April 22, 1966.

Persons contacted during the course of the investigation included:

Kr. J.L. Henderson - Champion Paper Kr. A.J. Navarre -

Rr. V.C. Kollings Hr. George Lourie

- McGinnes Industrial Enint. Corp.

. A.E. Kimbeill

(Secry-Treas) (Gan. Manager

The mailing addresses of the coarmys are:

Champion Papers, Inc., P.O. Box 872, Pasadena, Texas 77501

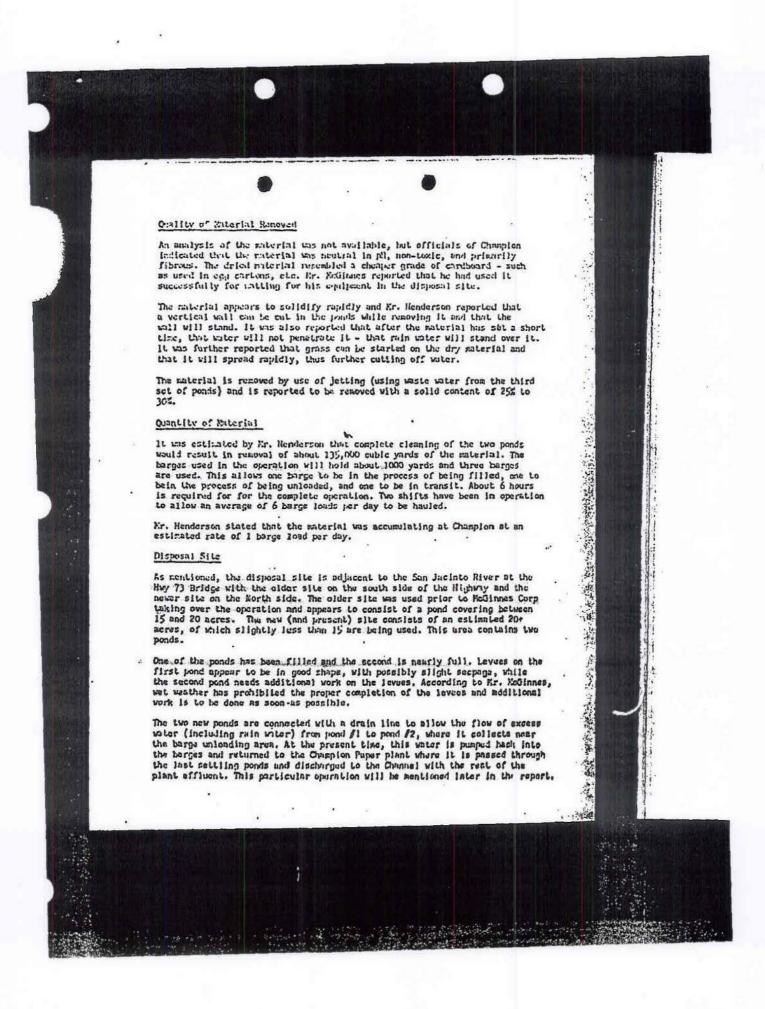
McGinnes Ind. Waint. Corp., 201 N. Richey, Pasadena, Tex 77502

In addition to the above, Sanitarian Bob Douglass of the Marris County Health Department, Air and Stream Pollution Section, was contacted in the absence of Dr. U.A. Quebeddaux, Chief of the Section. Hr. Douglass was unable to assist in the inspection.

General

The investigation covered the present practice of disposal of settled solids from the Champion Paper processes, a practice which is carried out by the Economic Ind. Enint. Corp. This practice consists of the removal of the settled saterial from the secondary pends at Champion plant, the transporting of the enterial bysharge to an area adjusted to the San Jacinto Miver (Sear May 73), and the unloading from the bargs into ponds which have been formed By levels. This operation has been carried out since approximately levels ago with the first operation began in June of 1965. This work was done by the Ollie Peterson Construction Co., with the Kodinnes Curp. taking over and beginning operation on September 13, 1965.

This particular type of operation is carried out in a cycle of sorts. The ponds at Chapten are allowed to fill with the material (or one full and the other approaching it) and hauling is then begin on the full pit. At the time of the inspection, both pits had been clanned with about 5 barge lands (est. by Xr. Mainnes) left to remove. Thin would complete the operation until the ponds are agrif full - which is expected to be sometime later this year.



hapte to River

According to available information, the river is not subject to flooding which night with out the levees - that is, subject to flooding from rainfall without the aid of a stars such as Carla. In that event, the disposal area might will be covered with water.

It also appears that the enterial will solidly after being in the ponds a short the and there would be no danger of pollution from seepage. The only water is that which does separate from the solid enterial and rainfall.

Excess Unter & Its Disposal

At the present time, the excess water plus rainfall which collectes in the pond area is pushed into the harpes and is carried back to Champion Paper and discharged through the final settling pends. According to Er. Henderson and Er. Redinnes, this operation is not economical and they are very interested in finding out if the uniter could be discharged into the River at the disposal site. The main though in the resoval of water being that the solidification of the material and the draining of the top water would allow the discharge of more water to the area.

An example of this is the older area (South of the Hwy), where the water ranges from 3 - 5 feet deep. Er. Kintall had a minnow bucket type of container scheerged in this water with fish in it and reported that they had been there for several weeks. These fish (or minnows) were in good condition.

Quality of Excess Water

Samples were collected of the water in the various pits and submitted to the Austin State Dept of Health Laboratory for analysis. The samples and their results are us follows:

Point of coll	p!!	BOD	Sulphalos	Chlor Ides	5.5	D.O.	Cole
#1 - New Pond #2 - near pt of return to Large	7.8	1590	5	790	213	0	220
#2 - Kew Pond #1	7.4	> 2,500	31	1,70	5214	0	110
#3 - San Jacinto River - near barging pt	7.3	2.5	78	465	36	4.4	
Mi - Old Pond - South of May 73	8.3	8.0	50	2060	20	2.2	110

In general appearance, samples #1 and #2 were very dark with M_1 somewhat lighter. The water from the older pend (Sample M_1) had been undisturbed for some 6 to 7 months.

Con by Officials of both companies were nost anxious to work something out regarding this method of units disposal. It appears that several things are to be considered in the notter. 1. The type of weste involved is not easy to get rid of, there is a large assent of the waste, and there will be an even larger bround in the future. This larger bround will be due to the new, and none efficient, waste treatment equipment that is to be provided by Oraples Paper. 2. Very large tracts of land would be required for extended operation of this type, and this had would need to be accessible to larges - so on ration livers or streams. Apparently, the capper officials feel that they can return to the areas after a period of time and deposit additional naterial. This would be necessary to get the full benefit from the land. 3. There is no market for such paterial for use as fill anterial. h. It also appears that continued operation would depend on the ability to reterm the sater off the pends to the adjacent stream rather than return It to the plant. The operation and the need for submitting an application for a permit from the Mich was discussed with Mr. Menderson and Mr. McGinnes, and it is understood that such a permit would be obtained by Er. EcGinnes rather than by Champion. There is apparently the thought, or plan, that Kr. Ecginnes would obtain the permit and handle the wastes from Champion under contract (the present set-up) and then also take care of such other industrial wastes that he might be able to handle (not from Champion). It is the writer's understanding that nothing was to be done in the way of a permit application until the results of the sample unalyses were received. At that time, the company officials would get in touch with the MPCS and its staff to discuss the watter further and gat the thinking of the Board in light of the sample results. By that time, the companies should also have information regarding the charical content of the waterial. It was felt that this would be the best approach to the matter since the present cycle of operation was essentially completed and time would be available to alther obtain a permit for the operation - or work out a different method of disposal- prior to the need for renewed renoval of the waste anterial. Respectfully submitted, Stanley &. Thempson, F.K. Kay 6, 1966

